

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33762	(sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content\$1 information\$1 data)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L2	3053	(signed signature \$1 signing) near5 (hash\$3)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L3	2575	L2 and L1	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L8	8903	(hash\$3) near4 (material\$1 message\$1 content\$1 information\$1 data)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L9	1976	(transfer\$3 transmit\$4 send \$3 sent receiv\$3 submit\$3 obtain \$3) near4 (hash \$3) near4 (material\$1 message\$1 content\$1 information\$1 data)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L10	1050	(sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content\$1 information\$1 data) near4 hash \$3	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L11	411	L9 and L10	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40

L12	1746	(second subsequent signed) near2 hash\$3	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L13	3461	(sign\$2 signature \$1 signing) near5 (hash\$3)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L14	1313	(compar\$5 verif\$8 match\$3) near4 (L12 L13)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L15	2346	(first original\$1) near2 hash\$3	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L16	1955	(compar\$5 verif\$8 match\$3) near4 (L8 L15)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L17	1897	L8 and L16	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L18	850	L14 and L17	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L19	142	L11 and L18	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L20	51383	(transfer\$3 transmit\$4 send \$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop \$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1))	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L21	23	L19 and L20	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L22	2473	(sign\$1 signature \$1 signing) with (material\$1 message\$1 content\$1 information\$1 data) with hash\$3	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L23	8917	(has\$3) near4 (material\$1 message\$1 content\$1 information\$1 data)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40

L24	1935	(compar\$5 verif\$8 match\$3) near4 (L23 L15)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L25	11468	digital\$2 near3 (sign\$1 signature \$1 signing)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L26	38708	(sign\$1 signature \$1 signing) near7 (material\$1 message\$1 content\$1 information\$1 data)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L27	213968	(transfer\$3 transmit\$4 send \$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop \$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L28	11517	((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS.	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L29	1581	L28 and L8	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L30	516	L29 and L22	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L31	214	L30 and L16	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40

L32	90	L11 and L27	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L33	868	L24 and L14	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L35	140	L31 and (mobile \$2 pda\$2 laptop \$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L36	1215	(sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content\$1 document\$1 file\$1 information\$1 data) near4 hash \$3	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L37	970	(verif\$9 compar\$5 match\$3) near5 (sign\$1 signature \$1 signing) near5 hash\$3	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L38	429	L36 and L37	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L39	291	L38 and (hash\$7 near3 (value\$1 code\$1))	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L40	120	L39 and (mobile \$1 laptop\$1 pda cellphone cellular \$1 wireless\$2)	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40
L42	15194	((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (713/170) or (713/172) or (713/175-176) or (713/180-181) or (713/185) or (713/189) or (713/193) or (380/168) or (380/247) or	USPAT; IBM_TDB	OR	OFF	2009/12/09 09:40

		(380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS.				
L43	35	(hash\$3 sha\$1 digest\$1 (one- way near2 function \$1) (one near way near2 function \$1)) with (sign\$1 signing signed signature\$1) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2 ))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L44	4	(hash\$3 sha\$1 digest\$1 (one- way near2 function \$1) (one near way near2 function \$1)) with (id\$1 identifier\$1 identity identities identification\$1) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2 ))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40

L45	73	(compute\$1 computing\$1 computation\$1 generat\$4 calcul \$4 determin\$5) near9 (hash\$3 sha \$1 digest\$1 (one- way near2 function \$1) (one near way near2 function \$1)) near9 ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2 ))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L46	282	(receiv\$3 transfer \$4 transmit\$4 transmission\$1 deliver\$5 send\$3 sent) near9 (hash \$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) near9 (mobile\$1 pda laptop smartcard smart- card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless \$1)	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L47	4992	L42 and (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40

L48	232	(sign\$1 signing signed signature \$1) with (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (mobile\$1 pda laptop smartcard smart-card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless\$1)	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L49	145	((hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) near9 ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2 ))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L50	132	L47 and L48	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L51	46	L46 and L50	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L53	5	L49 and L48	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L54	172	((hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2 ))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40

L55	5	L54 and L48	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L56	4519	(sign\$1 signing signed signature \$1) with (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L57	172	((hash\$3 sha\$1 digest\$1 (one- way near2 function \$1) (one near way near2 function \$1)) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2 ))	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L58	9233	(sign\$1 signing signed signature \$1) with (mobile \$1 pda laptop smartcard smart- card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless \$1)	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L59	16	L56 and L57 and L58	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L60	5	VATANEN near3 HARRI	USPAT; IBM_TDB	OR	ON	2009/12/09 09:40
L61	6	((hash\$3 and code \$1 and sign\$6 and (id identi\$9) and mobile and payment\$1).clm.	US-PGPUB	OR	ON	2009/12/09 09:40



L62	3	(hash\$3 and code \$1 and signature \$1 and (id identi \$9) and mobile and payment\$1). cfm.	US-PGPUB	OR	ON	2009/12/09 09:40
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**EAST Search History (I nterference)**

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